

Product datasheet for **SC122921**

NXF3 (NM_022052) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NXF3 (NM_022052) Human Untagged Clone
Tag:	Tag Free
Symbol:	NXF3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>OriGene sequence for NM_022052 edited
 CCAAATCCCCTCCCCAGGCCACACAGATTCTCCTCAAGAGAGCCCTATAAGGACATTGG
 TAAATGTCACTGCCTTCAGGACACACTACGGGTCACTGATCAAGTTGTTCAAAGAAG
 AGCAAGATGTTGGGATATTTACCAAAGGAGATTAGCAGTAGGTCTGAACCTGTCAATCC
 TGGCATGCATTCTTCATCCCATCAGCAGCAAGATGGAGATGCAGCAATGCATGGTGCCCA
 CATGGACTCTCCAGTAAGATACTCCCTATACTATTTACCCTATAATCGGAAAGGCAG
 TTTTCGTAAACAAGACCAAAACCCACGTTAACATGGAGAGAGAGCAAAAACCTCCAGAGAG
 AAGAAATGGAGGGGAACATGCCGGATGGGACCTTAGGGAGCTGGTTCAAGATCACAGTTCC
 CTTTGGCATAAAATACAATGAGAAGTGGCTGCTGAATTTGATTGAGAATGAATGCAGTGT
 ACCCTTCGTCCCAGTTGAGTTTCACTATGAAAACATGCATGCCAGCTTCTTTGTGGAGAA
 TGCCAGCATCGCCTATGCACTGAAGAATGTCAGTGGCAAGATTGGGATGAGGATAATGA
 AAAGATATCAATCTTTGTCAACCCTGCTGGCATACCCACTTTGTGCACAGGGAGCTGAA
 GTCAGAAAAGGTGGAGCAGATAAAGCTGGCCATGAACCAACAGTGTGATGTCTCCAGGA
 AGCTCTTGATATCCAGAGACTCCATTTTACCCAGACATGGTGAACCGTGATACTAAGAT
 GGCATCGAATCCTAGAAAGTGCATGGCTGCCTCCCTGGACGTCCATGAAGAGAACATACC
 TACAGTGATGTCTGCAGGGGAGATGGACAAGTGGAAAGGGATAGAGCCAGGAGAGAAGTG
 TGGGACAGAAGCCCAGTGTGCACGACCTTCTCGGATACCTCCAGCAACATAAACTCCAT
 CCTGGAATTGTTCCCAAATTATTATGCCTGGATGGCCAGCAGTCACCCAGAGCAACTTT
 ATGTGGTACTGAAGCCCAAGAGGTTACCAACCTGTAAGGGAAGCTTCTTTGGATCTGA
 GATGTTGAAGAATCTGGTCTGCAATCCTGCAGCAGTATTACTTGATCTATGACTCTGG
 AGATCGACAGGGTCTCCTTAGTGCTTACCACGATGAGGCTGCTTCTCCCTGAGCATTCC
 CTTCAATCCTGAGGACTCAGCCCCGAGCAGCTTCTGCAAGTTCTTCAAGGATAGCAGGAA
 TATAAAATTCTCAAGGACCCCTACCTTCGGGGGAGCTGCTGAAGCACACAAAACCTTGA
 TATTGTGGACTCCCTCAGTGCCTTGCCTAAAACTCAGCATGACCTCAGCTCCTTCTGCT
 GGACATGTGGTACCAGACGGAATGGATGCTCTGCTTTTCTGTCAACGGGGTGTTCAGGA
 AGTGAAGGACAGTCTCAGGGTTCTGTTCTCGCTTCACCCGGACCTTCATTGCTACCCC
 TGGCAGCAGTTCCAGTCTGTGCATCGTGAATGACAAGCTCTTTGTGCGGGATACCAGCCA
 CCAAGGGACCCAGAGTGCCTTGTTACCCCTAGTGGCCACAGCCTTCTCCAGCTCCGTGCC
 TGCCTTCTCCAGGAGCAGCAGAAAATGCTGCCTTCGTAACAACAGTGTGACTACGTCA
 GAGCTCCTCATGTTCTTGATGGCCCAAGATGTATTTCCCTGTGACTGAACCAAGGAGATC
 TGGCTGGGGCTAAGAAGCCGAAGCCCAACTCACAGGGCTGACTCTCATCCTTCCAAAGGG
 GCCAGTTGTTCTGTGCACTTGTCCACCCCTGTTACCCCAAGGATCTCTGTTCTTTTAC
 AATAAAGTATGGTGTCTTGTATGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022052 unedited
 GAGTTTGAATTTGTAATACGACTTATTATAGGGCGGCCGACTTCCCGGATCCAAAC
 TCCCGTCCCAGGCCACACAGATTCTCCTCAAGAGAGCCCTATAAGGACATTGGTAAAT
 GTCAGTGCCTTCAGGACACACTACGGGTCACTGATCAAGTTGTTCAAAGAAGAGCAAG
 ATGTTGGGATATTTACCAAAGGAGATTAGCAGTAGGTCTGAACCTGTCAATCCTGGCAT
 GCATTCTTCATCCCATCAGCAGCAAGATGGAGATGCAGCAATGCATGGTGCCACATGGA
 CTCTCCAGTAAGATACTCCCTATACTATTTACCCTATAATCGGAAAGGCAGTTTTCG
 TAAACAAGACCAAAACCCACGTTAACATGGAGAGAGAGCAAAAACCTCCAGAGAGAAGAT
 GGAGGGGAACATGCCGGATGGGACCTTAGGGAGCTGGTTCAAGATCACAGTTCCCTTTGG
 CATAAAATACAATGAGAAGTGGCTGCTGAATTTGATTGAGAATGAATGCAGTGTACCTT
 CGTCCCAGTTGAGTTTCACTATGAAAACATGCATGCCAGCTTCTTTGTGGAGAATGCCAG
 CATCGCTATGCACTGAAGAATGTCAGTGGCAAGATTTGGGATGAGGATAATGAAAGAT
 ATCAATCTTTGTCAACCCTGCTGGCATACCCACTTTGTGCACAGGGAGCTGAAGTCAGA
 AAAGGTGGAGCAGATAAAGCTGGCCATGAACCAACAGTGTGATGTCTCCAGGAAGCTCT
 TGATATCCAGAGACTCCATTTTACCCAGACATGGTGAACCGTGATACTAAGATGGCATC
 GAATCCTAGAAAGTGCATGGCTGCCTCCCTGGACGTCCATGAAGAGAACATACCTACAGT
 GATGTCTGCAGGGGAGATGGACAAGTGGAAAGGGATAGAC

Restriction Sites:

Please inquire

ACCN:	NM_022052
Insert Size:	1920 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_022052.1</u> , <u>NP_071335.1</u>
RefSeq Size:	1915 bp
RefSeq ORF:	1596 bp
Locus ID:	56000
UniProt ID:	<u>Q9H4D5</u>
Cytogenetics:	Xq22.1
Gene Summary:	This gene is one member of a family of nuclear RNA export factor genes. Common domain features of this family are a noncanonical RNP-type RNA-binding domain (RBD), 4 leucine-rich repeats (LRRs), a nuclear transport factor 2 (NTF2)-like domain that allows heterodimerization with NTF2-related export protein-1 (NXT1), and a ubiquitin-associated domain that mediates interactions with nucleoporins. The LRRs and NTF2-like domains are required for export activity. Alternative splicing seems to be a common mechanism in this gene family. The encoded protein of this gene has shortened LRR and ubiquitin-associated domains and its RDB is unable to bind RNA. It is located in the nucleoplasm but is not associated with either the nuclear envelope or the nucleolus. [provided by RefSeq, Jul 2008]